

ALI - CIG-17  
GAMMENTHALER  
IN-CAR DIGITAL VIDEO RECORDER WITH MPEG  
COMPRESSION

# Basic Digital Vehicular Video System

Block Diagram

Robert S. Gammethaler

Applied Concepts, Inc.

Mar 2, 2001

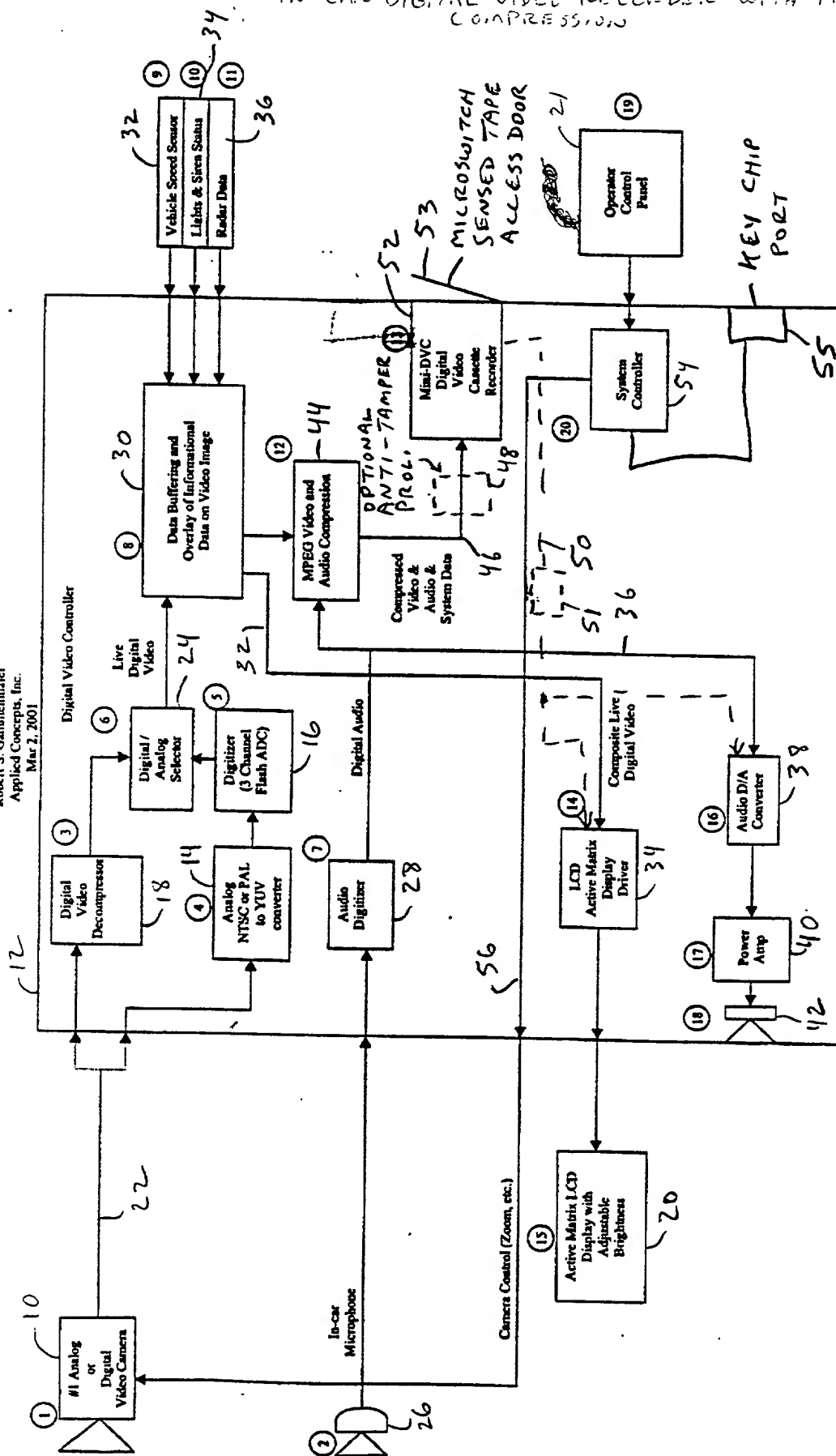


FIG. 1

# Buffered Digital Vehicular Video System Block Diagram

Robert S. Gammonhalter  
Applied Concepts, Inc.  
Feb 8, 2001

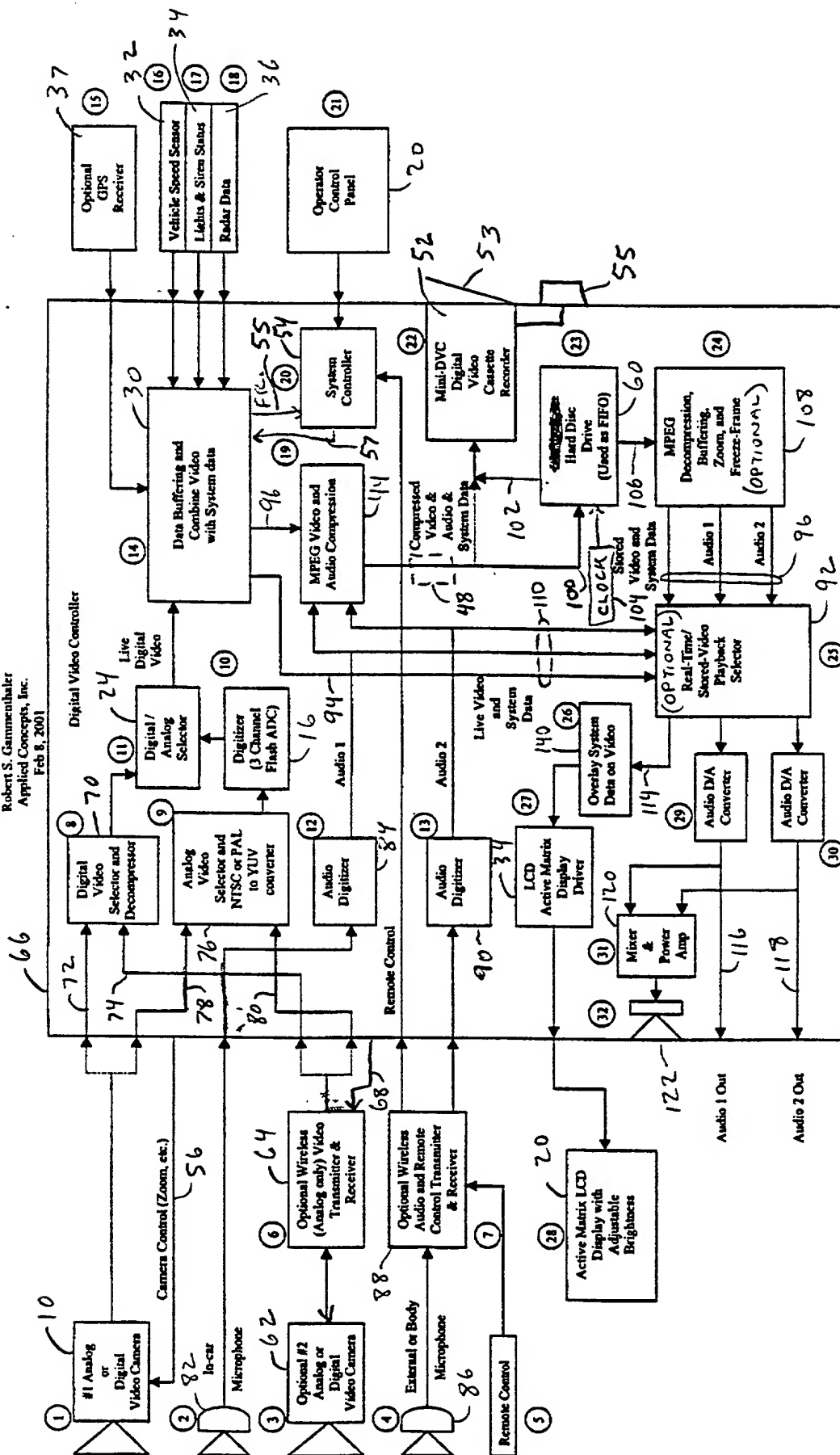


FIG. 2

# Basic Digital Vehicular Video System with Anti-Tampering

Block Diagram

Robert S. Ganssmeider  
Applied Concepts, Inc.  
Mar 8, 2001

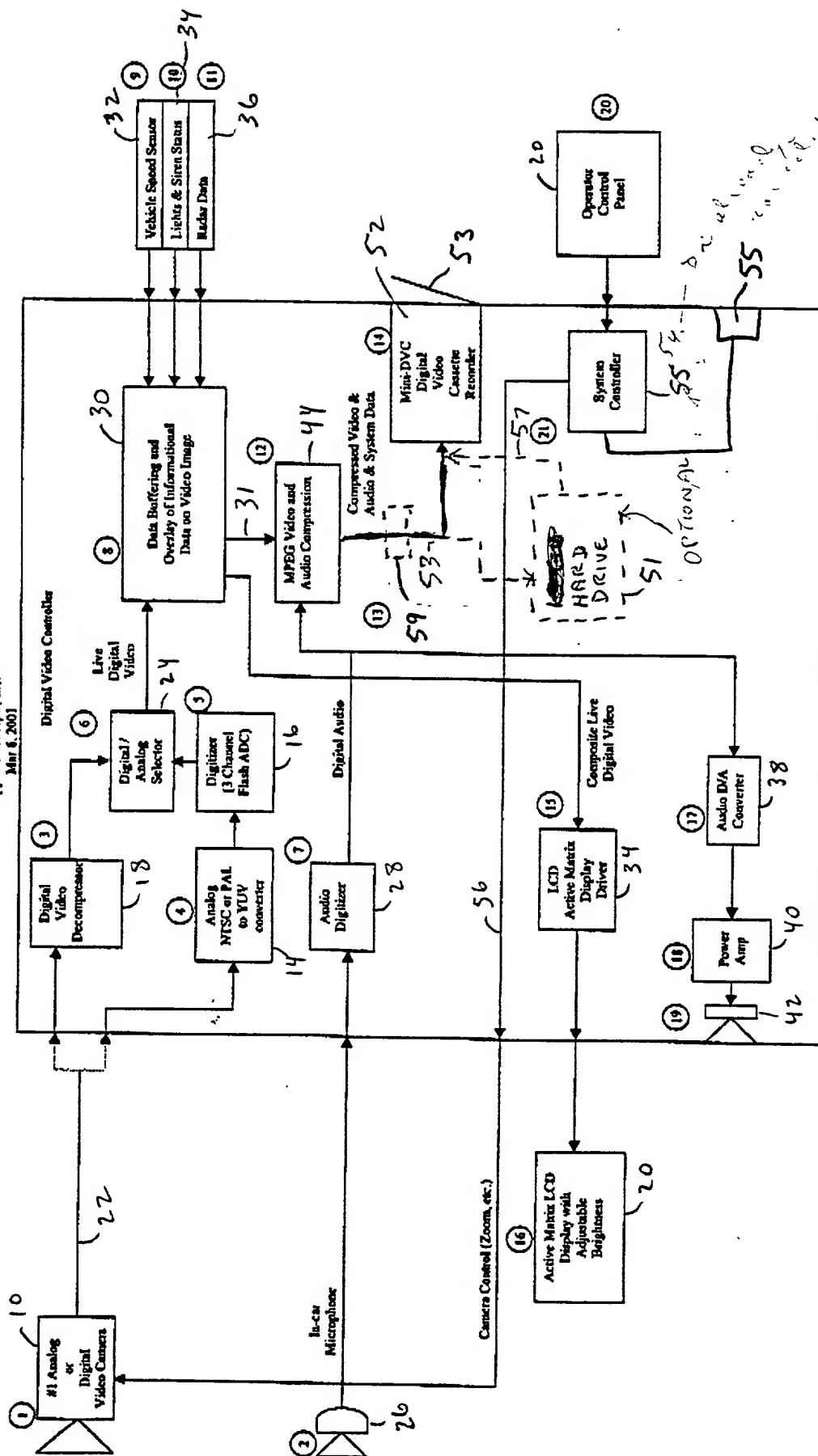


FIG. 3

# Basic Digital Vehicular Video System with Anti-Tampering

Block Diagram  
Robert S. Gannenhauer  
Applied Concepts, Inc.  
Mar 4, 2001

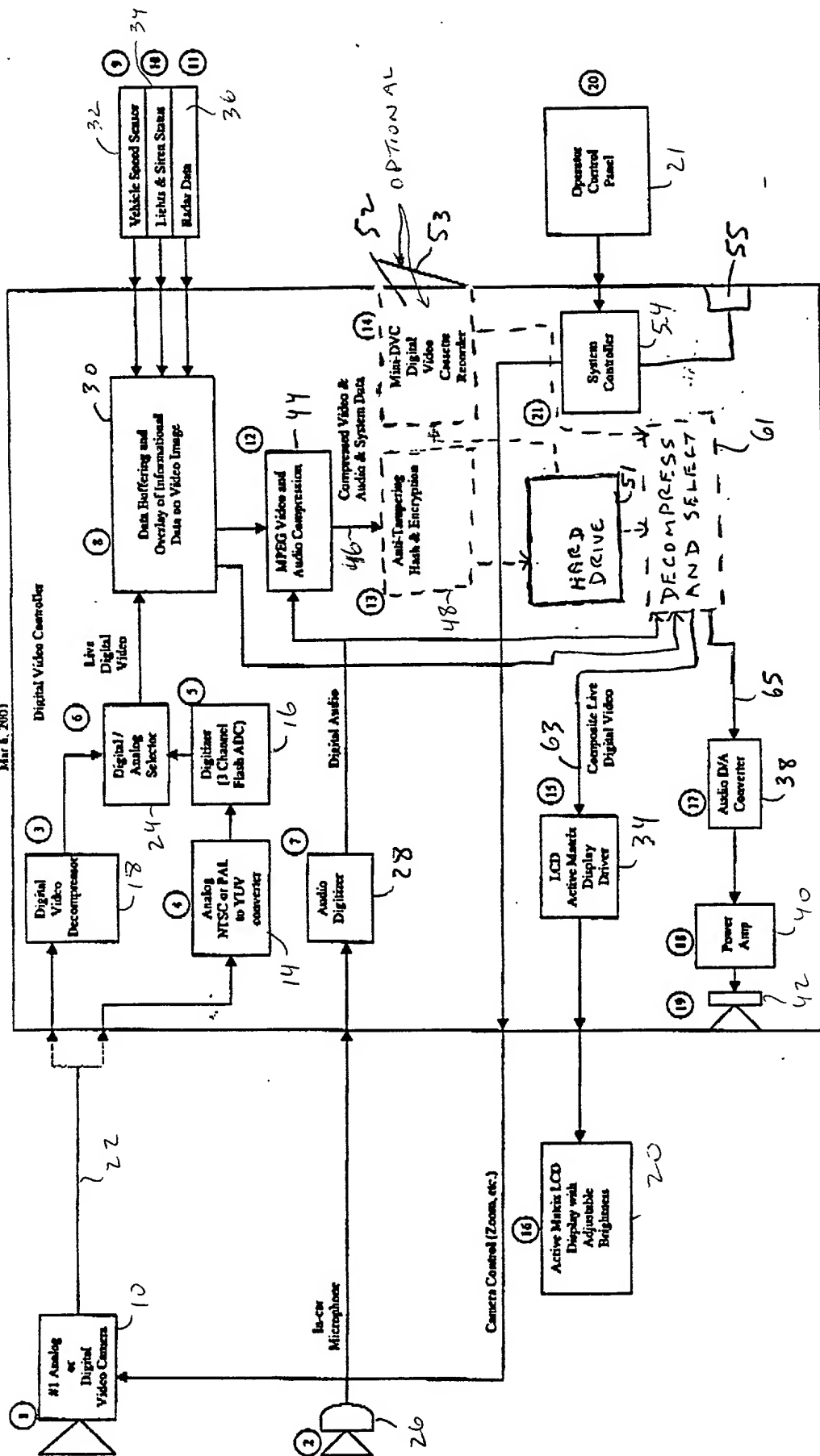


FIG. 4

## DOUBLE ENCRYPTION OF SIGNATURES TO PREVENT TAMPERING

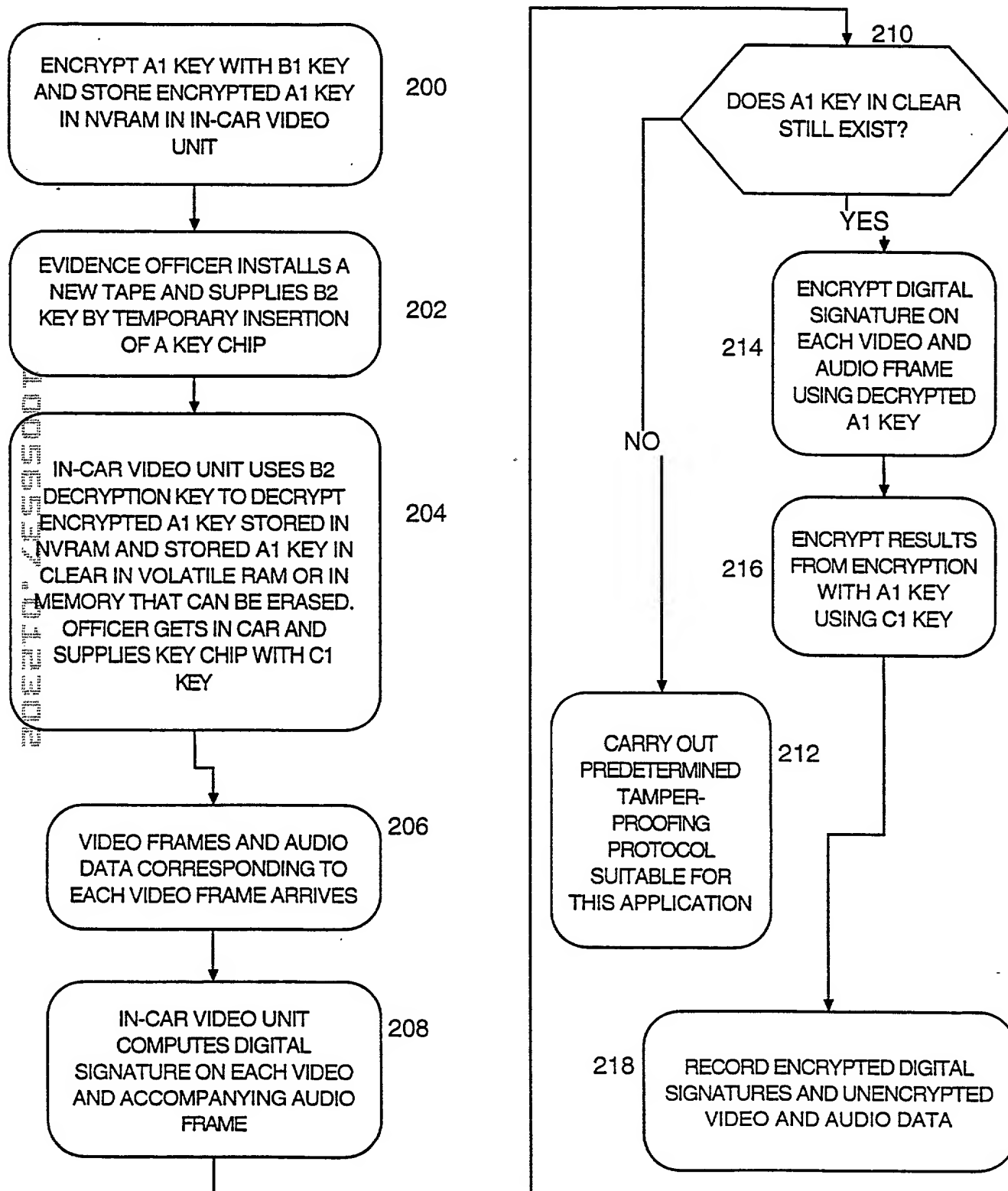


FIG. 5

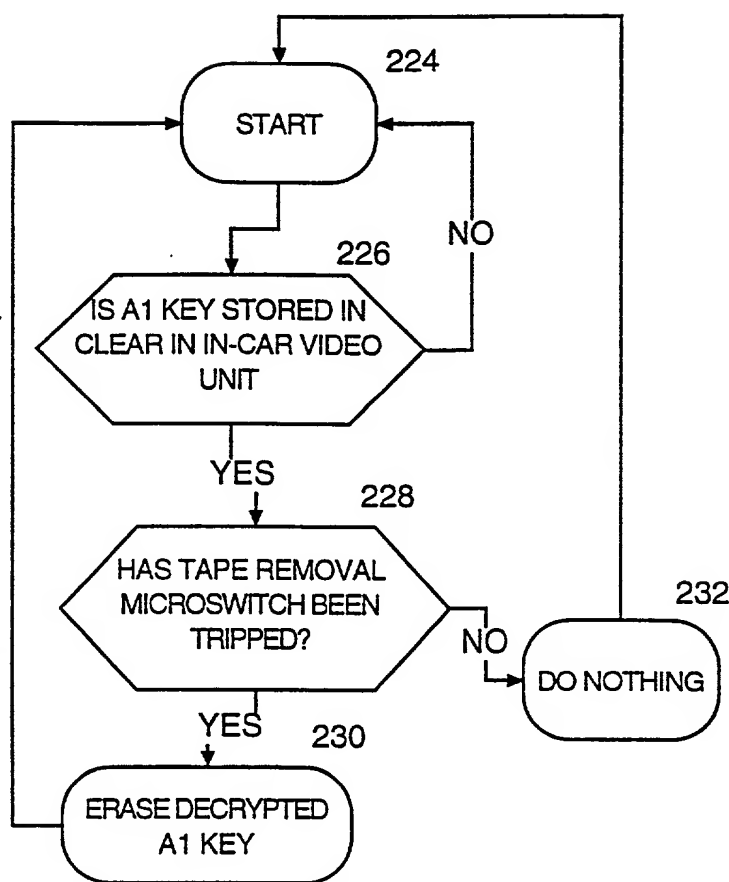


FIG. 6

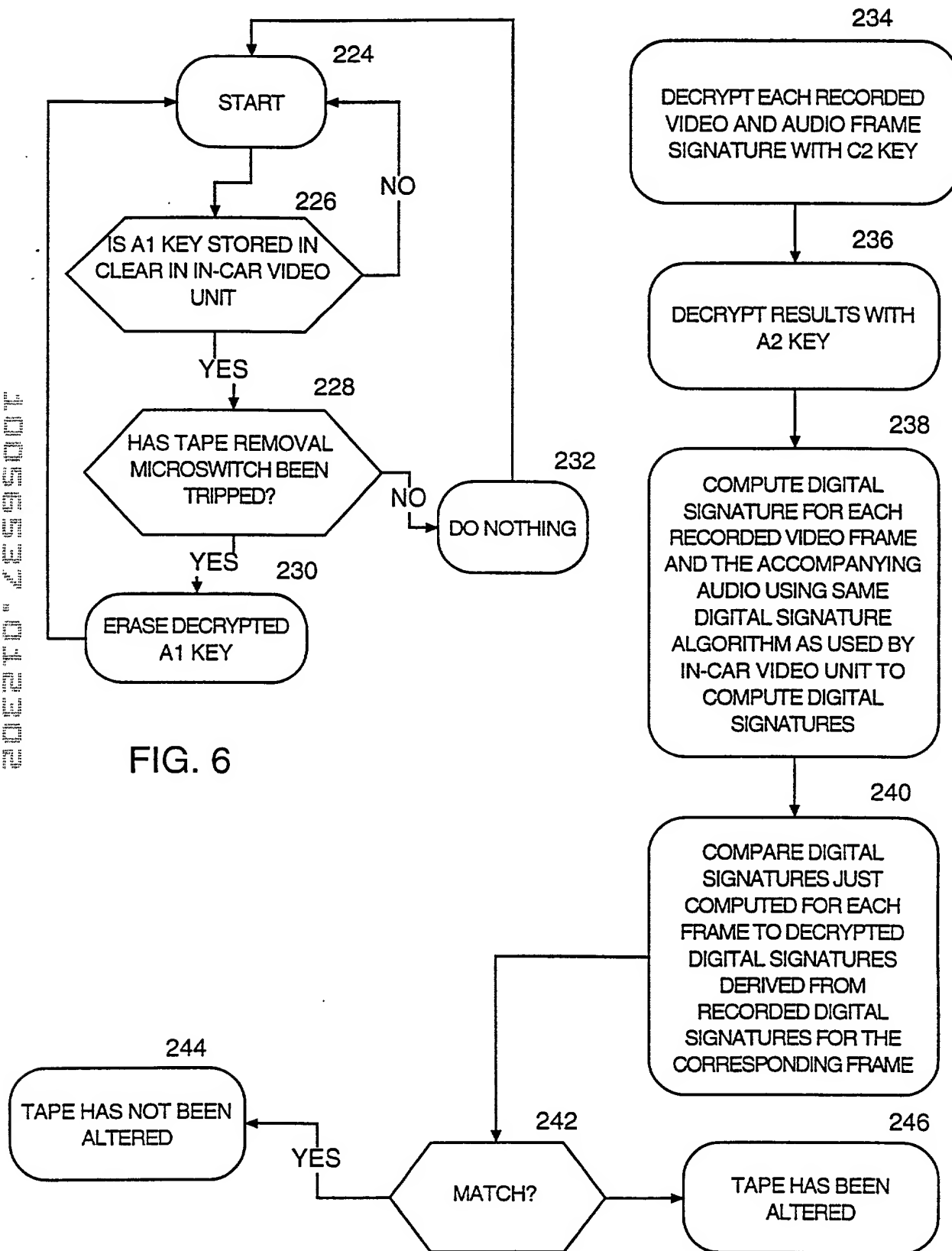


FIG. 7

# TRIPLE ENCRYPTION FRONT END, SINGLE ENCRYPTION BACK END

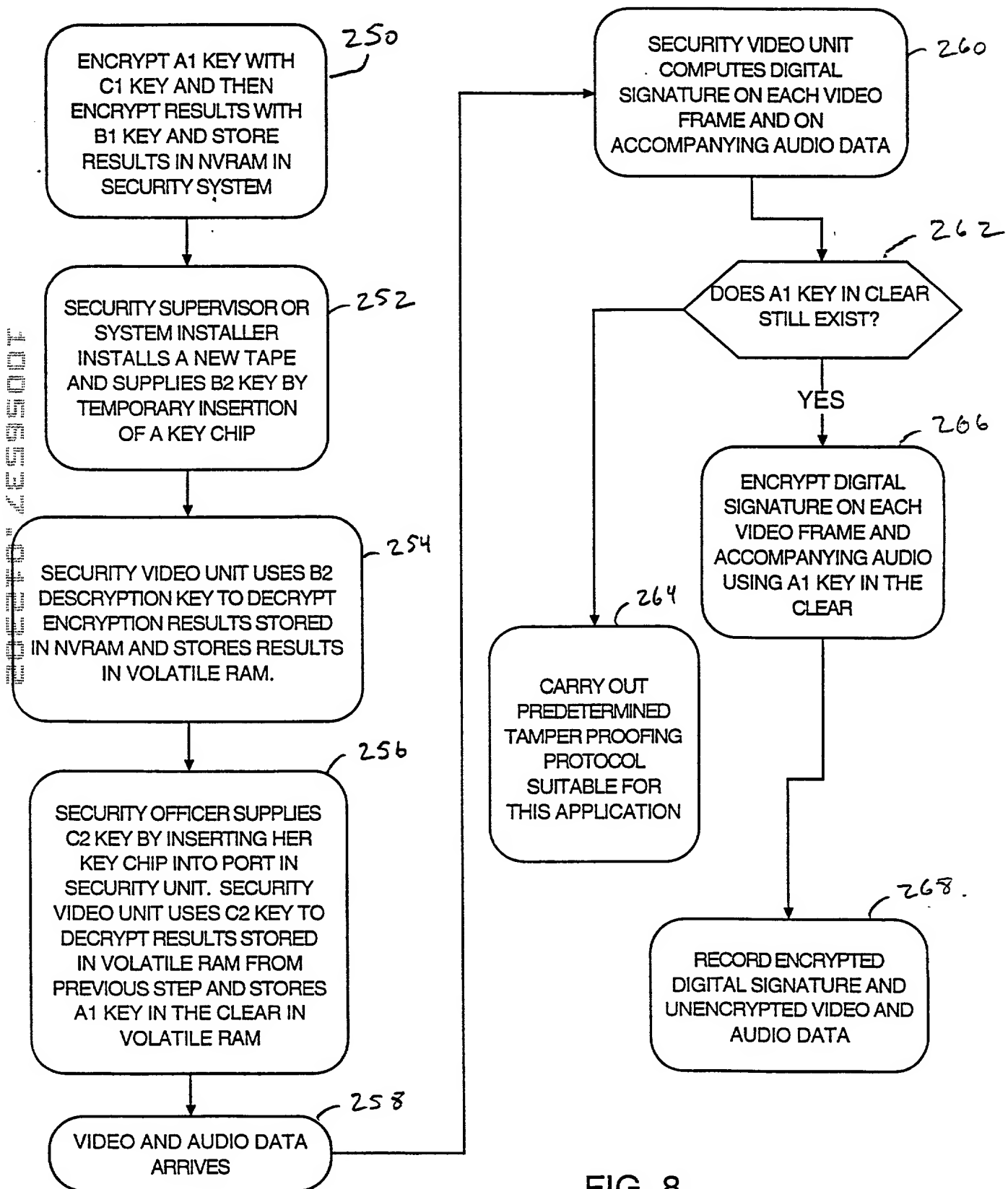


FIG. 8

NO ENCRYPTION ON FRONT END, TRIPLE ENCRYPTION ON THE BACK END

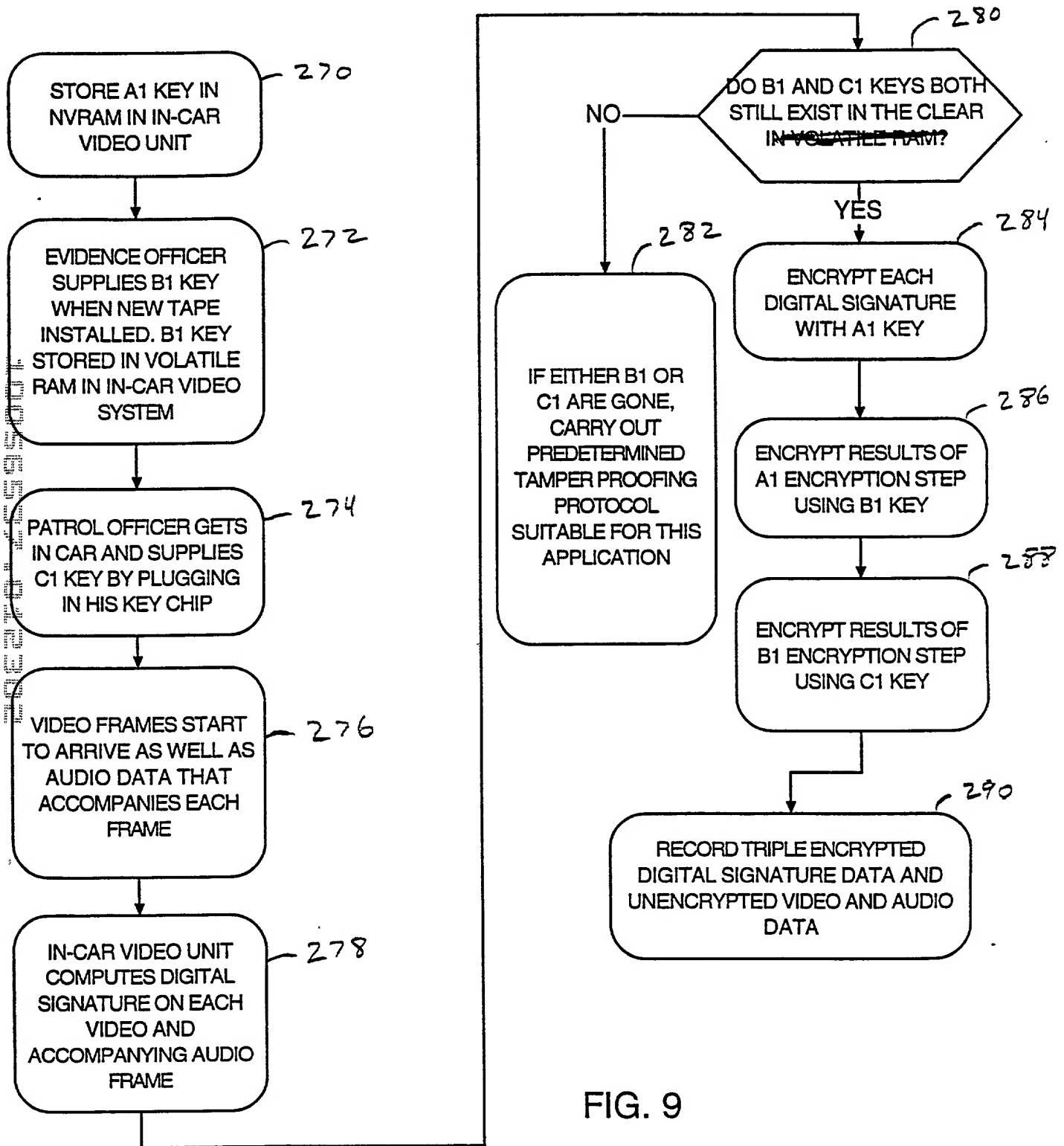


FIG. 9